

ABSTRACT

5 Provided in embodiments of the present application are a wireless communication method, a terminal device, and a transmitting node, which can implement measurement and feedback of reference signals supporting multiple downlink channel transmissions. The method comprises: the terminal device determines a mode for reporting a measurement result of a plurality of reference
10 signals; and the terminal device reports report information including a rank indication corresponding to each of the plurality of reference signals according to the determined mode and the measurement result. The reporting mode determined by the terminal device is a first mode or a second mode. In the first mode, the maximum value of the rank indication in the report information corresponding to each reference signal does
15 not exceed a first predetermined value, and in the second mode, the maximum value of the sum of rank indication values in the report information corresponding to the plurality of reference signals does not exceed a second predetermined value.

20 FIG. 3